AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph 21 with the following amended paragraph:

[21] Preferably, the stub program 113 and the daemon(s) 115 are configured to initiate the one or more calculation programs 117 on the one or more heterogeneous platforms 103 and 105 concurrently to achieve a degree of parallelism. In this configuration, the database server [[103]] 107 commands a daemon 115 via the stub program 113 to start one or more calculation programs 117 with appropriate arguments, or pass arguments to an already running calculation program 117, or terminate an already running calculation program 117. The daemon [[117]] 115 starts each requested calculation program 117 in turn in a non-blocking fashion and, after all the requested calculation programs 117 are started, waits for the calculation programs 117 to end. As each calculation program 117 ends, the results are returned to the requesting process in the DBMS platform 101. In one embodiment, the daemon 115 passes arguments to a running calculation program 117 in a non-blocking fashion, i.e., without waiting for results from the calculation program 117. The database server 107 can send a request to stop the execution of one or more of the calculation programs 117 running as part of an earlier request. After verifying that both requests originated from the same source, the daemon 115 may terminate the requested calculation program 117.